

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Aoki et al.

Docket No.: AOL0094

Serial No.: 10/801,406

Art Unit: 2631

Filed: 15 March 2004

Examiner: Unassigned

Title: Chaining of Services

Date: 26 August 2006

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or  
(within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ( ) under 37 CFR 1.97(c) together with either a:
  - ( ) Certification under 37 CFR 1.97(e), or
  - ( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR 1.97(d) together with a:
  - ( ) Certification under 37 CFR 1.97(e), and
  - ( ) a \$180.00 fee under 37 CFR 1.17(d)(2)(ii), and
  - ( ) a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1)  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- (X) The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 07-1445 (Order No. AOL0094).

(X) Applicant(s) submit herewith Form PTO SB/08 -- Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.25.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 156(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Julia Thomas".

Julia Thomas  
Reg. No. 52,283

Customer No. 22862

<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Att'y. Docket No. AOL0094 Applicant: Aoki et al. Filing Date: 3/15/2004	Serial No.: 10/801,406  Group: 2631
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## U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	4,919,545		Yu			
	B	5,481,720	1/2/96	Loucks et al.			
	C	5,491,752	2/13/96	Kaufman et al.			
	D	5,544,322	8/6/96	Cheng et al.			
	E	5,560,008	9/24/96	Johnson et al.			
	F	5,590,199	12/31/96	Krajewski, Jr. et al.			
	G	5,684,950	11/4/97	Dare et al.			
	H	5,689,698	11/18/97	Jones et al.			
	I	5,699,431		Van Oorschot et al.			
	J	5,737,419	4/7/98	Ganesan			
	K	5,754,841	5/19/98	Carino, Jr.			
	L	5,767,920	5/26/98	Misra et al.			
	M	5,794,250	8/11/98	Carino, Jr. et al.			
	N	5,809,144	9/15/98	Sirbu et al.			
	O	5,864,665	1/26/99	Tran			
	P	5,864,843	1/26/99	Carino, Jr. et al.			
	Q	5,873,083	2/16/99	Jones et al.			
	R	5,913,202		Motoyama			
	S	5,923,766	7/13/99	Shambroom			
	T	5,930,786	7/27/99	Carino, Jr. et al.			
	U	5,982,891	11/9/99	Ginter et al.			
	V	5,999,711	12/7/99	Misra et al.			
	W	6,003,136	12/14/99	Schanze			
	X	6,009,175	12/28/99	Schanze			
	Y	6,052,785		Lin et al.			
	Z	6,055,639	4/25/00	Schanze			
	AA	6,067,542	5/23/00	Carino, Jr. et al.			
	BB	6,085,223	7/4/00	Carino, Jr. et al.			
	CC	6,175,920	1/16/01	Schanze			
	DD	6,198,824	3/6/01	Shambroom			
	EE	6,216,231	4/10/01	Stubblebine			
	FF	6,256,741	7/3/01	Stubblebine			
	GG	6,279,111	8/21/01	Jensenworth et al.			
	HH	6,301,661	10/9/01	Shambroom			
	II	6,314,518	11/6/01	Linnartz			
	JJ	6,332,131		Grandcolas			
	KK	6,356,937	3/12/02	Montville et al.			
	LL	6,363,488	3/26/02	Ginter et al.			
	MM	6,389,402	5/14/02	Ginter et al.			
	NN	6,396,805		Romrell			
	OO	6,401,211	7/4/02	Brezak, Jr. et al.			
	PP	6,405,312	8/11/02	Ly			
	QQ	6,411,309	6/25/02	Ly			

	RR	6,516,316		Ramasubramani et al.			
	SS	6,640,302		Subramaniam et al.			
	TT	6,873,974		Schutzer			
	UU	6,901,387		Wells et al.			

## Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	VV	398 492	1/22/97	EPO	G06F	1/00	X	
	WW	456 920	11/21/91	EPO	G06F	1/00	X	
	XX	610 362	9/13/95	EPO	B42D	15/10	X	
	YY	695 985	2/7/96	EPO	G06F	1/00	X	
	ZZ	957 424	11/17/99	EPO	G06F	1/00	X	

## Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	A1	<u>Ticket Based Secure Delegation Service Supporting Multiple Domain Models</u> ; Kyung-Ah Chang, Tae-Seung Lee, Bang-Hun Chun, and Tai-Yun Kim; Proceedings of 2001 Pacific Rim International Symposium on Dependable Computing; December 17-19, 2001
	B1	<u>Authentication of a Unknown Entities on an Insecure Network of Untrusted Workstations</u> ; B.C Neuman, and J.G. Steiner; Proceedings UNIX Security Workshop; August 29-30, 1998
	C1	<u>Third-Party Authentication in the Institutional File System</u> ; Bill Doster, and Jim Rees; February 2, 1992
	D1	<u>Supporting Periodic Authorizations and Temporal Reasoning in Database Access Control</u> ; Elisa Bertino, Claudio Bettini, Elena Ferrari, and Pierangela Samarati; Proceedings of the 22 <sup>nd</sup> VLDB Conference Mumbai (Bombay), 1996
	E1	<u>A Temporal Access Control Mechanism for Database Systems</u> ; Elisa Bertino, Claudio Bettini, Elena Ferrari, and Pierangela Samarati; IEEE Transactions on Knowledge and Data Engineering
	F1	<u>Decentralized Administration for a Temporal Access Control Model</u> ; Elisa Bertino, Claudio Bettini, Elena Ferrari, and Pierangela Samarati; Technical Report
	G1	<u>Non-Intrusive Authentication</u> ; Daniele Alberto Galliano, Antonio Lloay, and Fabio Malino; IFIP; 1996
	H1	<u>On Granting Limited Access to Private Information</u> ; Frans a. Lategan, and Martin S. Olivier; WWW10; May 1-5, 2001
	I1	<u>Sesame V2 Public Key and Authorisation Extensions to Kerberos</u> ; P.V. McMahon
	J1	<u>The Role of Trust Management in Distributed Systems Security</u> ; Matt Blaze, Joan Feigenbaum, John Ioannidis, and Angelos D. Keromytis
	K1	<u>Mixed Strand Spaces</u> ; F.J. Thayer Fabrega, J.C. Herzog, and J.D. Guttman; Proceedings of the 12 <sup>th</sup> IEEE computer Security Foundations Workshop; June 28-30, 1999
	L1	<u>Distributed Authentication in Kerberos Using Public Key Cryptography</u> ; M.A. Sirbu, and J.C.-I Chuang; Proceedings of 1997 Symposium on Network and Distributed System Security; February 10-11, 1997

	M1	<u>A Metacomputer Architecture Based on Cooperative Resource Management</u> ; V. Sander; High-Performance Computing and Networking. International Conference and Exhibition; April 28-30, 1997
	N1	<u>Kerberos with Clocks Adrift: History, Protocols, and Implementation</u> ; D.T. Davis, D.E. Greer, and T. Ts'o; Computing Systems; Winter 1996
	O1	<u>Smart Card Integration with Kerberos</u> ; M. Warner, J. Trinkle, G. Caskel; Australian Computer Science Communications; January 31- February 1996
	P1	<u>Kerberos Security with Clocks Adrift</u> ; D. Davis, and D.E. Greer; Proceedings of the Fifth USENIX UNIX Security Symposium; June 5-7, 1995
	Q1	<u>Authentication Via Multi-Service Tickets in the Kuperee Server</u> ; T. Hardjono, and J. Seberry; Computer Security – ESORICS 94. Third European Symposium on Research in Computer Security; November 7-9, 1994
	R1	<u>Kerberos Doggedly Protects Data</u> ; Open Systems Economics Letters; December 1994
	S1	<u>Multiple Authentications with a Nonce-Based Protocol Using Generalized Timestamps</u> ; A. Kehne, J. Schonwalder, H. Langendorfer; Eleventh International Conference on Computer Communication; September 28-October 2, 1992
	T1	<u>A Nonce-Based Protocol for Multiple Authentications</u> ; A. Kehne, J. Schonwalder, and H. Langendorfer; Operating Systems Review; October 1992
	U1	<u>The Evolution of the Kerberos Authentication Service</u> ; J.T. Kohl; UNIX Distributed Open Systems in Perspective. Proceedings of the Spring 1991 EuroOpen Conference; May 20-24, 1991

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.